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ABSTRACT

This document presents tables of student credit hour enrollment, fulltime equivalent (FTE) faculty, the cost of instruction at the University of North Dakota, first semester 1971-72. Tables cover weighted student credit hours and percent change; student credit hour enrollment by level of course; percentage of student credit hour enrollment by level of course; student credit hours taken in departments by graduate students; fulltime equivalent faculty by department and percent change 1967-68 and 1971-72; number of FTE faculty by faculty to teaching and assistants and by undergraduate course level to graduate course level; percent change - weighted student credit hours and FTE faculty 1967-68 to 1971-72; and direct instructional cost per student credit hour by course level and by college and department, 1971-72. (HJM)

ED 076149

A TABULAR PRESENTATION OF STUDENT CREDIT HOUR ENROLLMENT, FULL-TIME EQUIVALENT FACULTY, AND COST OF INSTRUCTION AT THE UNIVERSITY OF NORTH DAKOTA FIRST SEMESTER 1971-72

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INSTITUTIONAL RESEARCH OFFICE
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DECEMBER 1971

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TABLE I

WEIGHTED STUDENT CREDIT HOURS AND PERCENT CHANGE, 1967-68 to 1971-72[1]

College	Student Credit Hours, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Business and Public Admin.									
Accounting	4107	4438	4622	4678	5825	8.1	4.1	1.2	24.5
Aviation Admin.	----	293	641	746	1204	----	118.8	16.4	61.4
Economics	3657	4175	4025	4690	4375	14.2	-3.6	16.5	-6.7
Management	2544	3312	2793	3296	3342	30.2	-15.7	18.1	1.4
Marketing	990	1245	1346	1364	1536	25.8	8.1	1.3	12.6
Political Science	3388	4208	4224	4603	4543	26.1	0.4	9.0	-1.3
Total	14636	17671	17651	19377	20825	20.7	-0	9.8	7.5
Education									
Bus. Ed. and Distr. Ed.	1473	1660	1652	1610	1646	12.6	-0.5	-2.5	2.2
Counseling & Guidance	1490	964	944	826	1291	-35.4	-2.1	-12.5	56.3
Education	6445	7915	6791	7065	8920	22.8	-14.3	4.0	26.3
Health, Phy. Ed. & Rec.	3720	3841	3838	4465	5013	3.2	-0.1	16.3	12.3
Home Economics	924	896	1101	1345	1475	-3.1	22.8	22.2	9.7
Industrial Technology	616	584	783	994	1122	-5.2	34.0	27.0	12.9
Library Science	556	848	689	1054	1073	52.5	-18.6	53.0	1.8
Total	15224	16708	15801	17359	20540	9.7	-5.4	9.9	18.3

TABLE I Cont'd
WEIGHTED STUDENT CREDIT HOURS AND PERCENT CHANGE, 1967-68 to 1971-72[1]

College	Student Credit Hours, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Engineering[2]									
Ceramics	244	244	200	188	226	0	-18.1	-6.0	20.2
Chemical Engineering	386	362	490	500	336	-6.3	-18.1	2.0	-32.8
Civil Engineering	974	935	1112	1072	1046	-4.1	33.3	-3.6	-2.4
Electrical Engineering	1149	1076	1039	873	877	-6.4	-3.4	-16.0	9.5
Engineering Drawing[3]	422	412	446	444	----	-2.4	8.2	-0.5	----
Geology	2097	2248	1962	2140	1901	7.2	-14.1	9.1	-11.2
Industrial Engineering	100	93	183	147	141	-7.0	96.7	-19.7	-4.1
Mechanical Engineering	703	749	881	806	933	6.5	17.6	-8.5	15.6
Total	6075	6119	6313	6170	5460	0.7	3.1	-2.3	-11.5
Fine Arts									
Art	849	863	944	1136	1481	1.6	9.3	20.3	30.4
Music	1531	1460	1549	1950	2288	-4.7	6.0	25.9	17.3
Theatre Art[4]	----	----	----	----	955	----	----	----	----
Total	2380	2323	2493	3086	4724	-2.4	7.3	23.8	53.1

TABLE I Cont'd
WEIGHTED STUDENT CREDIT HOURS AND PERCENT CHANGE, 1967-68 to 1971-72[1]

College	Student Credit Hours, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Arts & Sciences[5]									
Biology	3708	3819	3930	4575	4608	2.9	2.9	16.4	0.7
Chemistry	3976	3858	3183	3854	4460	-3.0	-17.5	21.1	15.7
English	6341	7192	7281	7515	8013	13.4	1.2	3.2	6.6
Geography	1997	2092	2181	2257	2146	4.7	4.2	3.5	-4.9
History	4999	5292	5256	4400	4466	5.8	-0.7	-16.3	1.5
Humanities	2921	2888	3772	3719	4276	-1.2	30.6	-1.4	15.0
Journalism	604	438	520	714	937	-27.5	18.7	37.3	31.2
Languages	5622	5721	5053	4598	4973	1.7	-11.7	-9.0	8.2
Mathematics	5044	5117	4956	5532	5613	1.4	-3.2	11.6	1.5
Philosophy	430	523	635	743	1320	21.6	21.4	17.0	77.7
Physics	2161	2096	1848	1944	1905	-3.1	-11.9	5.2	-2.0
Psychology	5014	5316	5607	5871	6544	6.0	5.4	4.7	11.5
Religion	1188	1244	1325	1042	956	4.7	6.5	-21.4	-8.3
Sociology	2846	3624	4181	3896	4238	27.3	15.3	-6.8	8.8
Social Work	563	715	703	636	937	26.9	-1.7	-9.5	47.3
Speech[4]	2132	2489	2827	3026	2354	16.7	13.5	7.0	-22.2

TABLE I Cont'd
WEIGHTED STUDENT CREDIT HOURS AND PERCENT CHANGE, 1967-68 to 1971-72[1]

College	Student Credit Hours, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Speech Path. & Aud.	569	638	859	996	1227	12.1	34.6	15.9	23.2
Computer Science	----	----	87	202	288	----	----	132.2	42.6
Total	50115	53062	54204	55520	59261	5.8	2.1	2.4	6.7
Law	----	----	----[7]	2268	2973	----	----	----	31.1
New School of Behav. Stud.	----	----	----[7]	4528	4526	----	----	----	-0
Nursing	----	----	----[7]	2026	2453	----	----	----	21.1
Medicine[6]									
Medical Technology	----	----	----[7]	419	560	----	----	----	33.7
Physical & Med. Rehab.	----	----	----[7]	1130	1258	----	----	----	11.7
All Other Departments	----	----	----[7]	5036	5394	----	----	----	7.1
Total	----	----	----[7]	6585	7212	----	----	----	9.5
Reserve Officer Training Corps									
Aerospace Studies	----	----	----[7]	480	416	----	----	----	-13.3
Military Science	----	----	----[7]	547	373	----	----	----	-31.8
Total	----	----	----[7]	1027	789	----	----	----	-23.2
University Totals	88430	95883	96459	117946	128763	8.4	0.6	----[7]	9.2

FOOTNOTES

1. Graduate Student Credit hours weighted by two.

2. Credit hours produced in General Engineering courses for all years were assigned to the department providing the instructor.

3. Credit hours produced in Engineering Drawing in 1971-72 were assigned to the department providing the instructor. Those departments and student credit hours produced were Civil Engineering, 112 student credit hours, and Mechanical Engineering, 242 student credit hours. Therefore, Civil Engineering produced 934 student credit hours on a basis comparable with the previous years. A 12.9% decrease from 1970-71. Mechanical Engineering produced 691 student credit hours on a basis comparable with previous years. A 14.3% decrease from 1970-71.

4. In the first semester of 1971-72, the Department of Theatre Arts was created by separating selected courses from the Speech Department. Together Speech and Theatre Arts produced 3309 student credit hours, or a 9.4% increase over the previous year.

5. Credit hours produced in Arts and Sciences 250, Honors, and Communications were assigned to the department providing the instructor.

6. Student credit hours produced by the Pathology Department for Medical Technology were assigned to Medical Technology.

7. Data unavailable and/or uncomparable.

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TABLE II

STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Business and Public Administration				
Accounting	2462	2540	328	5330
Aviation Administration	547	645	----	1192
Economics	2877	1376	28	4281
Management	----	3198	----	3198
Marketing	----	1402	53	1455
Political Science	3093	1221	67	4381
Total	8979	10382	476	19837
Education				
Business Ed. & Distributive Ed.	554	570	286	1410
Counseling & Guidance	----	----	663	663
Education	462	6321	1070	7853
Health, Phy. Ed. & Recreation	3516	1163	123	4802
Home Economics	583	892	----	1475
Industrial Technology	443	571	37	1051
Library Science	429	486	39	954
Total	5987	10003	2218	18208

TABLE II
STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Engineering				
Ceramics	218	6	----	224
Chemical Engineering	70	174	48	292
Civil Engineering	541	446	57	1044
Electrical Engineering	248	523	66	837
Geology	977	449	191	1617
Industrial Engineering	48	90	----	138
Mechanical Engineering	251	553	39	843
Total	2353	2241	401	4995
Fine Arts				
Art	1112	184	114	1410
Music	1848	320	44	2212
Theatre Arts	471	336	23	830
Total	3431	840	181	4452

TABLE II
STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Arts & Sciences				
Biology	3276	849	186	4311
Chemistry	3390	621	200	4211
English	6031	1571	182	7784
Geography	1274	740	56	2070
History	2698	1342	161	4201
Humanities	4272	----	----	4272
Journalism	629	300	8	937
Languages	4200	609	65	4874
Mathematics	4496	845	84	5425
Philosophy	911	377	----	1288
Physics	1584	209	39	1832
Psychology	4218	1299	430	5947
Religion	884	72	----	956
Sociology	2430	1554	50	4034
Social Work	227	698	----	925
Speech	1715	477	48	2240

TABLE II
STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Speech Pathology & Audiology	459	523	104	1086
Computer Science	156	90	----	246
Total	42850	12176	1613	56639
Law	----	----	2973	2973
New School of Behavioral Studies	600	2744	432	3776
Nursing	280	2173	----	2453
Medicine				
Medical Technology	----	560	----	560
Physical & Medical Rehabilitation	119	1143	----	1262
All Other Departments	1170	76	3619	4865
Total	1289	1779	3619	6687
Reserve Officer Training Corps				
Aerospace Studies	182	234	----	416
Military Science	178	192	----	370
Total	360	426	----	786
University Totals	66129	42764	11913	120806

TABLE III

PERCENTAGE OF STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Business & Public Administration				
Accounting	46.2	47.6	6.2	100%
Aviation Administration	45.9	54.1	----	100%
Economics	67.2	32.1	0.7	100%
Management	----	100.0	----	100%
Marketing	----	96.4	3.6	100%
Political Science	70.6	27.9	1.5	100%
Total	45.3	52.3	2.4	100%
Education				
Business Ed. & Distributive Ed.	39.3	40.4	20.3	100%
Counseling & Guidance	----	----	100.0	100%
Education	5.9	80.5	13.6	100%
Health, Phy. Ed. & Recreation	73.2	24.2	2.6	100%
Home Economics	39.5	60.5	----	100%
Industrial Technology	42.1	54.4	3.5	100%
Library Science	45.0	50.9	4.1	100%
Total	32.9	54.9	12.2	100%

TABLE III

PERCENTAGE OF STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Engineering				
Ceramics	97.3	2.7	----	100%
Chemical Engineering	24.0	59.6	16.4	100%
Civil Engineering	51.8	42.7	5.5	100%
Electrical Engineering	29.6	62.5	7.9	100%
Geology	60.4	27.8	11.8	100%
Industrial Engineering	34.8	65.2	----	100%
Mechanical Engineering	29.8	65.6	4.6	100%
Total	47.1	44.9	8.0	100%
Fine Arts				
Art	78.9	13.1	8.0	100%
Music	83.5	14.5	2.0	100%
Theatre Arts	56.7	40.5	2.8	100%
Total	77.1	18.9	4.0	100%

TABLE III

PERCENTAGE OF STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Arts & Sciences				
Biology	76.0	19.7	4.3	100%
Chemistry	80.5	14.7	4.8	100%
English	77.5	20.2	2.3	100%
Geography	61.5	35.7	2.8	100%
History	64.3	31.9	3.8	100%
Humanities	100.0	----	----	100%
Journalism	67.1	32.0	0.9	100%
Languages	86.2	12.5	1.3	100%
Mathematics	82.9	15.6	1.5	100%
Philosophy	70.7	29.3	----	100%
Physics	86.5	11.4	2.1	100%
Psychology	70.9	21.8	7.3	100%
Religion	92.5	7.5	----	100%
Sociology	60.3	38.5	1.2	100%
Social Work	24.5	75.5	----	100%
Speech	76.6	21.3	2.1	100%

TABLE III
PERCENTAGE OF STUDENT CREDIT HOUR ENROLLMENT BY LEVEL OF COURSE, FIRST SEMESTER 1971-72

College	Lower Division	Upper Division	Graduate	Total
Speech Pathology & Audiology	42.3	48.1	9.6	100%
Computer Science	63.4	36.6	----	100%
Total	75.7	21.5	2.8	100%
Law	----	----	100.0	100%
New School of Behavioral Studies	15.9	72.7	11.4	100%
Nursing	11.4	88.6	----	100%
Medicine				
Physical & Medical Rehabilitation	9.4	90.6	----	100%
All Other Departments	21.6	11.7	66.7	100%
Total	19.3	26.6	54.1	100%
Reserve Officer Training Corps				
Aerospace Studies	43.7	56.3	----	100%
Military Science	48.1	51.9	----	100%
Total	45.8	54.2	----	100%
University Totals	54.7	35.4	9.9	100%

TABLE IV

STUDENT CREDIT HOURS TAKEN IN DEPARTMENTS BY GRADUATE STUDENTS - FALL 1971

College	Graduate SCH
Business and Public Administration	
Accounting	495
Aviation Administration	12
Economics	94
Management	144
Marketing	81
Political Science	161
Total	987
Education	
Business Ed. & Distr. Ed.	236
Counseling & Guidance	628
Education	1067
Health, Phy. Ed. & Rec.	120
Home Economics	0
Industrial Technology	71
Library Science	119
Total	2241

College	Graduate SCH
Engineering	
Ceramics	2
Chemical Engineering	49
Civil Engineering	54
Electrical Engineering	36
Geology	284
Industrial Engineering	3
Mechanical Engineering	43
Total	470
Fine Arts	
Art	71
Music	76
Theatre Art	47
Total	194

TABLE IV

STUDENT CREDIT HOURS TAKEN IN DEPARTMENST BY GRADUATE STUDENTS - FALL 1971

College	Graduate SCH
Arts & Sciences	
Biology	297
Chemistry	249
English	247
Geography	76
History	263
Humanities	4
Journalism	12
Languages	107
Mathematics	188
Philosophy	32
Physics	73
Psychology	597
Religion	0
Sociology	204
Social Work	12
Speech	106
Speech Pathology & Aud.	141
Computer Science	42
Total	2650
Law School	0
New School	458
Nursing	6
Medicine	
Medical Technology	0
Physical & Medical Rehab.	0
All Other Departments	525
Total	525
Reserve Officer Training Corps	
Aerospace Studies	4
Military Science	9
Total	13
University Totals	7544

TABLE V

FULL-TIME EQUIVALENT FACULTY BY DEPARTMENT AND PERCENT CHANGE 1967-68 to 1971-72[1]

College	FTE Faculty, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Business and Public Admin.									
Accounting	10.88	11.18	10.50	11.25	10.92	2.75	-6.09	7.14	-2.93
Aviation Admin.	-----	2.00	2.00	2.25	3.12	-----	0	12.50	38.67
Economics	7.13	8.80	8.15	10.75	10.02	23.42	-7.39	31.90	-6.79
Management	6.00	7.00	5.65	7.13	7.52	16.66	-19.29	26.19	5.47
Marketing	3.00	4.00	3.79	3.50	3.83	33.33	-5.25	-7.66	9.43
Political Science	4.71	5.87	7.29	8.47	8.35	24.62	24.19	16.18	-1.42
Total	31.72	38.85	37.38	43.35	43.76	22.47	-3.79	15.79	0.95
Education									
Bus. Ed. & Distr. Ed.	6.94	7.90	8.38	8.50	8.48	13.83	6.07	1.43	-0.24
Counseling & Guidance	5.13	5.57	5.82	5.58	5.99	8.57	4.48	-4.13	7.35
Education	20.50	23.49	26.50	26.42	27.78	14.58	12.81	-0.31	5.15
Health, Phy. Ed. & Rec.	17.69	19.11	21.50	19.00	17.08	8.20	12.50	-11.63	-10.10
Home Economics	5.00	5.01	4.60	5.08	5.33	0.20	-8.91	10.43	4.92
Industrial Technology	4.31	4.43	4.55	5.50	5.59	2.78	2.70	20.87	1.64
Library Science	3.00	3.00	2.70	3.83	5.06	0	-10.00	41.85	32.12
Total	62.56	68.51	74.05	73.91	75.31	9.49	8.09	-0.19	1.89

TABLE V Cont'd
FULL-TIME EQUIVALENT FACULTY BY DEPARTMENT AND PERCENT CHANGE 1967-68 to 1971-72[1]

College	FTE Faculty, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Engineering									
Ceramics	1.00	1.00	1.00	1.00	1.00	0	0	0	0
Chemical Engineering	3.38	4.40	5.18	5.50	4.34	30.17	17.72	6.17	-21.09
Civil Engineering	8.67	8.97	6.55	8.25	7.81	3.46	-20.98	25.95	-5.33
Electrical Engineering	8.38	7.70	7.87	8.38	7.57	-8.20	2.20	6.48	-9.67
Engineering Drawing	3.69	3.00	2.08	3.00	-----	-18.70	-30.67	44.23	-----
Geology	7.50	8.70	10.20	10.56	9.74	16.00	17.24	3.52	-7.76
Industrial Engineering	1.00	1.00	1.00	1.00	1.27	0	0	0	27.00
Mechanical Engineering	8.33	7.94	6.54	8.63	9.75	-4.69	-17.64	31.95	12.98
Total	41.95	42.71	40.04	46.32	41.48	1.81	-6.26	15.68	-10.45
Fine Arts									
Art	5.92	6.40	6.10	6.83	5.98	8.10	-4.69	8.68	-12.45
Music	13.71	14.61	14.08	14.63	11.05	6.56	-3.63	3.90	-24.47
Theatre Arts	-----	-----	-----	-----	3.41	-----	-----	-----	-----
Total	19.63	21.01	20.18	21.46	20.44	7.03	-3.95	6.34	-4.75

TABLE V Cont'd
FULL-TIME EQUIVALENT FACULTY BY DEPARTMENT AND PERCENT CHANGE 1967-68 to 1971-72[1]

College	FTE Faculty, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Arts & Sciences									
Biology	16.25	19.10	20.18	20.38	16.97	17.53	5.65	.99	-16.73
Chemistry	13.62	18.42	17.30	17.42	17.15	35.24	-6.09	.69	-1.55
English	22.44	23.54	24.20	25.13	25.08	4.90	2.80	3.84	-0.20
Geography	4.52	5.83	6.02	4.81	5.48	28.98	3.25	-20.10	13.93
History	11.13	11.34	11.71	11.70	13.20	1.88	3.26	-.09	12.82
Humanities	6.33	6.11	9.00	9.08	8.79	-3.48	47.29	.88	3.19
Journalism	3.83	3.05	3.70	5.13	4.53	-20.37	21.31	38.64	-11.70
Languages	23.06	24.42	24.12	24.87	23.07	5.89	-1.23	3.10	-7.24
Mathematics	14.88	15.60	17.25	17.42	16.59	4.83	10.57	0.98	-4.77
Philosophy	3.17	2.93	2.87	3.33	3.28	-7.58	-2.05	16.02	-1.50
Physics	10.56	12.67	11.93	12.13	9.72	19.98	-5.85	1.67	-19.88
Psychology	12.69	13.80	16.88	18.25	17.77	8.74	22.31	8.11	-2.63
Religion	3.75	3.18	.67	1.34	3.12	-15.20	-78.94	1.00	132.84
Sociology	6.88	7.34	7.27	9.13	8.87	6.68	-0.96	25.58	-2.85
Social Work	2.00	3.00	3.69	4.00	3.83	50.00	23.00	8.40	-4.25
Speech	8.35	9.36	9.05	14.40	8.58	12.09	-3.32	59.11	-40.42

TABLE V Cont'd

FULL-TIME EQUIVALENT FACULTY BY DEPARTMENT AND PERCENT CHANGE 1967-68 to 1971-72[1]

College	FTE Faculty, First Semester					Percent Change			
	1967-68	1968-69	1969-70	1970-71	1971-72	1968-69 versus 1967-68	1969-70 versus 1968-69	1970-71 versus 1969-70	1971-72 versus 1970-71
Speech Path. & Aud.	4.00	4.25	4.48	5.75	4.09	6.25	5.41	28.34	-28.87
Computer Science	-----	-----	.50	1.67	2.00	-----	-----	234.00	19.76
Total	167.46	183.94	190.82	205.94	192.12	9.84	3.74	7.92	-6.71
Law	9.00	9.71	9.45	9.00	8.53	7.88	-2.68	-4.77	-5.22
New School of Behav. Stud.	-----	-----	14.04	23.92	26.60	-----	-----	70.37	11.20
Nursing	20.50	18.58	19.58	20.50	21.31	-9.37	5.38	4.69	3.95
Medicine									
Medical Technology	-----	-----	-----	-----	1.60	-----	-----	-----	-----
Physical & Med. Rehab.	-----	-----	-----	-----	7.40	-----	-----	-----	-----
All Other Departments	-----	-----	-----	-----	26.82	-----	-----	-----	-----
Total	-----	-----	-----	-----	35.82	-----	-----	-----	-----
Reserve Officer Training Corps									
Aerospace Studies	-----	-----	-----	-----	4.00	-----	-----	-----	-----
Military Science	-----	-----	-----	-----	5.00	-----	-----	-----	-----
Total	-----	-----	-----	-----	9.00	-----	-----	-----	-----
University Totals[2]	352.83	383.31	405.54	444.40	474.37				

FOOTNOTES

1. Determination of full-time equivalency for 1971-72 was based upon the following:
   A) Department Chairmen
      1) If the full-time equivalency was five or less, the chairman was counted as a .83 FTE faculty member.
      2) If the full-time equivalency was less than twenty, but more than five, the chairman was counted as a .66 FTE faculty member.
      3) If the full-time equivalency was twenty or more, the chairman was counted as a .33 FTE faculty member.
   B) Lecturers were counted based upon the per cent of their appointment time.
   C) Graduate Teaching Assistants were weighted by .5. In other words, a half-time GTA was counted as a .25 FTE faculty member.
   D) The per cent of time that faculty members devoted to organized or project research was deducted from their full-time equivalency.
   E) Faculty teaching in Arts and Sciences 250, Honors, Communications, Engineering Drawing and General Engineering were assigned to their major departments, as were the credit hours they produced in those courses.
   F) Faculty teaching in Humanities were assigned as a .17 FTE in Humanities for each section they taught. The remainder of the FTE stayed with their department.
   G) All other faculty teaching in more than one department had their full-time equivalency divided based upon the time allocated to each department.

The determination of full-time equivalency for 1971-72 when based upon these factors resulted in a stricter definition in comparison to previous years. As a result, the FTE data for 1967-68 through 1970-71 is overstated. This accounts for part of the decline in FTE faculty in 1971-72.

2. University totals do not contain similar data for all years. Therefore, per cent comparisons would be invalid.

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TABLE VI

NUMBER OF FTE FACULTY
BY FACULTY TO TEACHING ASSISTANTS AND BY UNDERGRADUATE COURSE LEVEL TO GRADUATE COURSE LEVEL
FALL, 1971-72

COLLEGE	NUMBER OF FTE FACULTY				
	FACULTY	TEACHING ASSISTANTS	TOTAL FACULTY	GRADUATE	UNDERGRADUATE
Business & Public Administration					
Accounting	10.17	.75	10.92	1.76	9.16
Aviation Administration	3.12	-----	3.12	-----	3.12
Economics	9.02	1.00	10.02	.33	9.69
Mamagememt	7.52	-----	7.52	-----	7.52
Marketing	3.83	-----	3.83	.27	3.56
Political Science	7.33	1.02	8.35	.38	7.97
Total	40.99	2.77	43.76	2.74	41.02
Education					
Business Ed. & Distributive Ed.	6.23	2.25	8.48	2.72	5.76
Counseling and Guidance	5.74	.25	5.99	5.99	-----
Education	24.38	3.40	27.78	5.83	21.95
Health, Phy. Ed. & Recreation	14.91	2.17	17.08	1.84	15.24
Home Economics	5.33	-----	5.33	-----	5.33
Industrial Technology	5.33	.26	5.59	.41	5.18
Library Science	4.95	.11	5.06	.63	4.43
Total	67.00	8.31	75.31	17.42	57.89

TABLE VI
NUMBER OF FTE FACULTY
BY FACULTY TO TEACHING ASSISTANTS AND BY UNDERGRADUATE COURSE LEVEL TO GRADUATE COURSE LEVEL
FALL, 1971-72

COLLEGE	NUMBER OF FTE FACULTY		TOTAL FACULTY	GRADUATE	UNDERGRADUATE
	FACULTY	TEACHING ASSISTANTS			
Engineering					
Ceramics	1.00	-----	1.00	-----	1.00
Chemical Engineering	3.82	.52	4.34	.91	3.43
Civil Engineering	6.81	1.00	7.81	1.24	6.57
Electrical Engineering	6.81	.76	7.57	1.34	6.23
Geology	7.61	2.13	9.74	2.37	7.37
Industrial Engineering	1.27	-----	1.27	-----	1.27
Mechanical Engineering	8.74	1.01	9.75	.35	9.40
Total	36.06	5.42	41.48	6.21	35.27
Fine Arts					
Art	5.29	.69	5.98	.92	5.06
Music	10.80	.50	11.30	.95	10.35
Theatre Arts	3.15	.26	3.41	.27	3.14
Total	19.24	1.45	20.69	2.14	18.55

TABLE VI
NUMBER OF FTE FACULTY
BY FACULTY TO TEACHING ASSISTANTS AND BY UNDERGRADUATE COURSE LEVEL TO GRADUATE COURSE LEVEL
FALL, 1971-72

COLLEGE	NUMBER OF FTE FACULTY: FACULTY	NUMBER OF FTE FACULTY: TEACHING ASSISTANTS	TOTAL FACULTY	GRADUATE	UNDERGRADUATE
Arts and Sciences					
Biology	12.47	4.50	16.97	4.12	12.85
Chemistry	12.17	4.98	17.15	4.18	12.97
English	21.39	3.69	25.08	1.55	23.53
Geography	4.83	.65	5.48	1.34	4.14
History	11.78	1.42	13.20	1.95	11.25
Humanities	8.79	-----	8.79	-----	8.79
Journalism	4.53	-----	4.53	.01	4.52
Languages	22.32	.75	23.07	1.15	21.92
Mathematics	14.84	1.75	16.59	1.24	15.35
Philosophy	3.28	-----	3.28	-----	3.28
Physics	8.97	.75	9.72	1.03	8.69
Psychology	12.91	4.86	17.77	4.98	12.79
Religion	3.12	-----	3.12	-----	3.12
Sociology	7.74	1.13	8.87	.36	8.51
Social Work	3.83	-----	3.83	-----	3.83
Speech	7.58	1.00	8.58	.58	8.00

TABLE VI
NUMBER OF FTE FACULTY
BY FACULTY TO TEACHING ASSISTANTS AND BY UNDERGRADUATE COURSE LEVEL TO GRADUATE COURSE LEVEL
FALL, 1971-72

COLLEGE	NUMBER OF FTE FACULTY: FACULTY	TEACHING ASSISTANTS	TOTAL FACULTY	GRADUATE	UNDERGRADUATE
Speech Pathology & Audiology	3.71	.38	4.09	1.72	2.37
Computer Science	2.00	-----	2.00	-----	3.00
Total	166.26	25.86	192.12	24.21	167.91
Law	8.53	-----	8.53		
New School of Behavioral Studies	26.60	-----	26.60		
Nursing	21.31	-----	21.31		
Medicine					
Medical Technology	1.60	-----	1.60		
Physical & Medical Rehabilitation	7.40	-----	7.40		
All Other Departments	24.80	2.02	26.82		
Total	33.80	2.02	35.82		
Reserve Officer Training Corps					
Aerospace Studies	4.00	-----	4.00		
Military Science	5.00	-----	5.00		
Total	9.00	-----	9.00		
University Totals	428.78	45.83	474.62		

TABLE VII

PERCENT CHANGE, WEIGHTED STUDENT CREDIT HOURS AND FTE FACULTY 1967-68 to 1971-72[1]

College	Student Credit Hours			Full-Time Equivalent Faculty		
	1967-68	1971-72	Per Cent Change	1967-68	1971-72	Per Cent Change
Business and Public Administration						
Accounting	4107	5825	41.8	10.88	10.92	0.37
Aviation Administration	----	1204	----	------	3.12	------
Economics	3657	4375	19.6	7.13	10.02	40.53
Management	2544	3342	31.4	6.00	7.52	25.33
Marketing	990	1536	55.2	3.00	3.83	27.67
Political Science	3388	4543	34.1	4.71	8.35	77.28
Total	14636	20825	42.3	31.72	43.76	37.96
Education						
Business and Distributive Education	1473	1646	11.7	6.94	8.48	22.19
Counseling and Guidance	1490	1291	-13.4	5.13	5.99	16.76
Education	6445	8920	38.4	20.50	27.78	35.51
Health, Physical Education and Recreation	3720	5013	34.8	17.69	17.08	-3.45
Home Economics	924	1475	59.6	5.00	5.33	6.60

[1]Source: Tables I and II

TABLE VII Cont'd
PERCENT CHANGE, WEIGHTED STUDENT CREDIT HOURS AND FTE FACULTY 1967-68 to 1971-72[1]

College	Student Credit Hours			Full-Time Equivalent Faculty		
	1967-68	1971-72	Per Cent Change	1967-68	1971-72	Per Cent Change
Industrial Technology	616	1122	82.1	4.31	5.59	29.70
Library Science	556	1073	93.0	3.00	5.06	68.67
Total	15224	20540	34.9	62.57	75.31	20.36
Engineering						
Ceramics	244	226	-7.4	1.00	1.00	-----
Chemical Engineering	386	336	-13.0	3.38	4.34	28.40
Civil Engineering	974	1046	7.4	8.67	7.81	-9.92
Electrical Engineering	1149	877	-23.7	8.38	7.57	-9.67
Engineering Drawing	423	----	----	3.69	-----	-----
Geology	2097	1901	-9.3	7.50	9.74	29.87
Industrial Engineering	100	141	41.0	1.00	1.27	27.00
Mechanical Engineering	703	933	32.7	8.33	9.75	17.05
Total	6075	5460	-10.1	41.95	41.48	-1.12
Fine Arts						
Art	849	1481	74.4	5.92	5.98	1.01
Music	1531	2288	49.4	13.71	11.05	-19.40
Theatre Arts	----	955	----	-----	3.41	-----
Total	2380	4724	98.5	19.63	20.44	4.13

TABLE VII Cont'd
PERCENT CHANGE, WEIGHTED STUDENT CREDIT HOURS AND FTE FACULTY 1967-68 to 1971-72

College	Student Credit Hours 1967-68	1971-72	Per Cent Change	Full-Time Equivalent Faculty 1967-68	1971-72	Per Cent Change
Arts and Sciences						
Biology	3708	4608	24.3	16.25	16.97	4.43
Chemistry	3976	4460	12.2	13.62	17.15	25.92
English	6341	8013	26.4	22.44	25.08	11.76
Geography	1997	2146	7.5	4.52	5.48	21.24
History	4999	4466	-10.7	11.13	13.20	18.60
Humanities	2921	4276	46.4	6.33	8.79	38.86
Journalism	604	937	55.1	3.83	4.53	18.28
Languages	5622	4973	-11.5	23.06	23.07	-----
Mathematics	5044	5613	11.3	14.88	16.59	11.49
Philosophy	430	1320	207.0	3.17	3.28	3.47
Physics	2161	1905	-11.8	10.56	9.72	-7.95
Psychology	5014	6544	30.5	12.69	17.77	40.03
Religion	1188	956	-19.5	3.75	3.12	-16.80
Sociology	2846	4238	48.9	6.88	8.87	28.92
Social Work	563	937	66.4	2.00	3.83	91.50

TABLE VII Cont'd
PERCENT CHANGE, WEIGHTED STUDENT CREDIT HOURS AND FTE FACULTY 1967-68 to 1971-72[1]

College	Student Credit Hours			Full-Time Equivalent Faculty		
	1967-68	1971-72	Per Cent Change	1967-68	1971-72	Per Cent Change
Speech	2132	2354	10.4	8.35	8.58	2.75
Speech Pathology and Audiology	569	1227	115.6	4.00	4.09	2.25
Computer Science	----	288	----	-----	2.33	-----
Total	50115	59261	18.3	167.46	192.12	14.73
Total	88430	110810	25.31	323.33	373.11	15.40

TABLE VIII

WEIGHTED STUDENT CREDIT HOURS PER FTE FACULTY MEMBER 1967-68 to 1971-72[1]

College	First Semester				
	1967-68	1968-69	1969-70	1970-71	1971-72
Business and Public Administration					
Accounting	377	397	440	416	533
Aviation Administration	---	---	320	332	386
Economics	513	474	494	436	437
Management	424	473	494	462	444
Marketing	330	311	355	390	401
Political Science	709	717	579	543	544
Average	461	455	472	447	476
Education					
Business and Distributive Education	212	210	197	189	194
Counseling and Guidance	290	173	162	148	216
Education	314	337	256	267	326
Health, Physical Education & Recreation	210	201	178	235	294
Home Economics	185	179	239	265	277
Industrial Technology	143	132	172	181	201
Library Science	185	283	255	275	212
Average	243	244	213	235	273

[1]Source: Calculated from data in Tables I and II.

TABLE VIII Cont'd.
WEIGHTED STUDENT CREDIT HOURS PER FTE FACULTY MEMBER 1967-68 to 1971-72[1]

College	First Semester				
	1967-68	1968-69	1969-70	1970-71	1971-72
Engineering					
Ceramics	244	244	244	188	226
Chemical Engineering	114	82	95	91	77
Civil Engineering	112	104	169	130	134
Electrical Engineering	137	140	132	104	116
Engineering Drawing	114	137	214	148	---
Geology	280	258	192	203	195
Industrial Engineering	100	93	183	147	111
Mechanical Engineering	84	94	135	93	96
Average	145	143	158	133	132
Fine Arts					
Art	143	135	155	171	248
Music	112	100	110	133	207
Theatre Arts	---	---	---	---	280
Average	121	111	124	145	231

TABLE VIII Cont'd.
WEIGHTED STUDENT CREDIT HOURS PER FTE FACULTY MEMBER 1967-68 to 1971-72[1]

College	First Semester				
	1967-68	1968-69	1969-70	1970-71	1971-72
Arts and Sciences					
Biology	228	206	195	224	272
Chemistry	292	173	184	222	260
English	283	309	301	299	319
Geography	442	374	362	469	392
History	449	463	449	376	338
Humanities	461	192	419	410	486
Journalism	157	170	141	139	207
Languages	244	234	209	185	216
Mathematics	339	328	287	318	338
Philosophy	136	178	221	223	402
Physics	205	165	155	160	196
Psychology	395	385	332	322	368
Religion	316	391	1978	778	306
Sociology	414	494	575	427	478
Social Work	282	238	191	159	245
Speech	255	266	312	210	274

TABLE VIII Cont'd.
WEIGHTED STUDENT CREDIT HOURS PER FTE FACULTY MEMBER 1967-68 to 1971-72[1]

College	First Semester				
	1967-68	1968-69	1969-70	1970-71	1971-72
Speech Pathology and Audiology	142	150	192	173	300
Computer Science	----	---	174	121	144
Average	299	288	284	270	308
Law	----	---	---	252	349
New School of Behavioral Studies	----	---	---	186	170
Nursing	---	---	---	99	115
Medicine					
Medical Technology	---	---	---	---	350
Physical and Medical Rehab.	---	---	---	---	170
All Other Departments	---	---	---	---	201
Average					201
Reserve Officer Training Corps					
Aerospace Studies	---	---	---	---	104
Military Science	---	---	---	---	75
Average	---	---	---	---	88
University Average	273	270	266	248	271

TABLE IX

DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR BY COURSE LEVEL AND BY COLLEGE AND DEPARTMENT
FALL, 1971-72[1]

COLLEGE AND DEPARTMENT	DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR			
	LOWER DIVISION	UPPER DIVISION	GRADUATE	AVERAGE
Business and Public Administration				
Accounting	7.92	14.86	44.73	13.49
Aviation Administration	13.44	11.89	-----	12.60
Economics	12.23	18.78	104.36	14.94
Management	-----	16.15	-----	16.15
Marketing	-----	16.92	48.06	18.05
Political Science	7.88	22.75	39.15	12.51
Average	9.63	16.80	47.82	14.29
Education				
Business Education & Distributive Ed.	16.78	34.74	75.55	35.96
Counseling & Guidance	-----	-----	58.79	58.79
Education	15.75	20.38	40.80	22.89
Health, Physical Education & Recreation	13.38	19.21	82.27	16.92
Home Economics	16.82	18.16	-----	17.63
Industrial Technology	24.21	27.57	84.14	28.15
Library Science	17.08	19.08	87.64	20.98
Average	15.57	21.21	54.50	23.41

TABLE IX Cont'd.

DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR BY COURSE LEVEL AND BY COLLEGE AND DEPARTMENT
FALL, 1971-72

COLLEGE AND DEPARTMENT	DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR			
	LOWER DIVISION	UPPER DIVISION	GRADUATE	AVERAGE
Engineering				
Ceramics	18.13	49.50	-----	18.97
Chemical Engineering	37.26	123.02	121.15	102.15
Civil Engineering	29.68	55.90	161.79	48.10
Electrical Engineering	48.87	52.19	150.15	58.93
Engineering Drawing	-----	-----	-----	-----
Geology	17.47	48.96	79.86	33.58
Industrial Engineering	42.79	77.78	-----	65.61
Mechanical Engineering	50.28	74.95	205.74	73.65
Average	28.25	64.42	120.26	51.86
Fine Arts				
Art	16.57	46.21	41.19	22.42
Music	21.39	48.13	121.75	27.26
Theatre Arts	21.44	32.58	103.43	28.22
Average	19.84	41.49	68.69	25.91

TABLE IX Cont'd.

DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR BY COURSE LEVEL AND BY COLLEGE AND DEPARTMENT
FALL, 1971-72

COLLEGE AND DEPARTMENT	DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR			
	LOWER DIVISION	UPPER DIVISION	GRADUATE	AVERAGE
Arts & Sciences				
Biology	11.35	41.22	154.73	23.42
Chemistry	14.19	45.50	125.26	24.07
English	15.17	26.79	60.63	18.58
Geography	9.58	16.81	153.04	16.04
History	12.92	20.61	78.00	17.87
Humanities	-----	-----	5.96	5.96
Journalism	24.34	37.74	32.88	28.71
Languages	14.86	78.00	123.77	24.21
Mathematics	12.28	47.70	95.85	19.04
Philosophy	11.73	21.61	-----	14.62
Physics	24.46	65.95	200.44	34.67
Psychology	11.24	21.22	78.15	18.26
Religion	11.54	56.60	-----	14.93
Sociology	7.54	19.20	51.28	12.58
Social Work	12.33	29.46	-----	25.50
Speech	11.02	39.03	66.42	18.18

TABLE IX

DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR BY COURSE LEVEL AND BY COLLEGE AND DEPARTMENT
FALL, 1971-72

COLLEGE AND DEPARTMENT	DIRECT INSTRUCTIONAL COST PER STUDENT CREDIT HOUR			
	LOWER DIVISION	UPPER DIVISION	GRADUATE & 1st PROF.	AVERAGE
Speech Pathology & Audiology	8.18	21.07	147.72	27.75
Computer Science	17.18	97.14	-----	46.43
Average	12.18	31.75	102.22	19.26
University Average	13.42	26.72	75.52	20.89
Law School	-----	-----	21.09	21.09
New School of Behavioral Studies	-----	-----	-----	38.63
Nursing	63.93	38.82	-----	41.68
Medicine				
Medical Technology	-----	-----	-----	17.90
Physical & Medical Rehabilitation	33.40	30.76	-----	31.00
All Other Departments	2.72	-----	50.39	38.93
Average	5.56	30.76	-----	35.67

FOOTNOTES

1. Direct instructional cost figures were obtained by assigning a per cent of an instructor's (or graduate teaching assistant's) salary to each course. These percentages were calculated from each faculty member's Faculty Activities Record. Deductions were made for organized or project research, department chairmen, directors, or time spent in the central administration. Instructional costs were then determined by totaling all 100 and 200 level courses (lower division), and all 300 and 400 level courses (upper division), and all 500-999 level courses in each department. Student-credit-hours were summed in a similar manner. The total instructional cost for a given level of courses was then divided by the total student-credit-hours for these courses to yield the instructional cost per student-credit-hour. The average for each department and college was calculated by summing all instructional costs and all student-credit-hours and making the appropriate division. Due to unavailability of data, in some cases it was possible to only calculate the average cost per student-credit-hour, where they occurred, no attempt was made to impute the value of gratuities.

   It should be noted that the terms "lower division," "upper division," and "graduate" found in this table refer to levels of course rather than levels of students. Thus, the direct instructional cost per student-credit-hour is in reference to the cost involved in teaching different levels of courses rather than different levels of students.

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